

Amendment Under 37 CFR 312(a)  
USPN 09/015,002

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Docket DM-6864-A

In view of the foregoing, Applicants respectfully request entry of this Amendment Under 312(a) and submit that the allowance of the claims as amended should be maintained.

Respectfully submitted,



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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.6d)

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Ellen M. Godfrey

- a compound of Formula (50) wherein  $R^3$  is -  
 $NHCH(CH_2OMe)(CH_2CH_2OMe)$ ,  $R^{4a}$  is Me,  $R^{4b}$  is H,  $R^{4c}$   
is Br,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 5 a compound of Formula (50) wherein  $R^3$  is  $-NHCH(CH_2OMe)_2$ ,  
 $R^{4a}$  is Me,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is Me and  $R^{4e}$   
is H;
- 10  $\left[ \begin{array}{l} \text{a compound of Formula (50) wherein } R^3 \text{ is } -NHCH(Et)_2, R^{4a} \\ \text{is Me, } R^{4b} \text{ is H, } R^{4c} \text{ is OMe, } R^{4d} \text{ is Me and } R^{4e} \text{ is} \\ \text{H;} \end{array} \right]$
- 15 a compound of Formula (50) wherein  $R^3$  is  $-NHCH(CH_2OMe)_2$ ,  
 $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is Me,  $R^{4d}$  is H and  $R^{4e}$  is  
H;
- 20 a compound of Formula (50) wherein  $R^3$  is -  
 $NHCH(Et)(CH_2OMe)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is Me,  
 $R^{4d}$  is H and  $R^{4e}$  is H;
- 25 a compound of Formula (50) wherein  $R^3$  is -  
 $NHCH(CH_2OMe)(CH_2CH_2OMe)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$   
is Me,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 30 a compound of Formula (50) wherein  $R^3$  is  $-N(c-$   
 $Pr)(CH_2CH_2CN)$ ,  $R^{4a}$  is Me,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$   
is Me and  $R^{4e}$  is H;
- 35 a compound of Formula (50) wherein  $R^3$  is  $-N(c-$   
 $Pr)(CH_2CH_2CN)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is Cl,  $R^{4d}$   
is H and  $R^{4e}$  is H;
- 40 a compound of Formula (50) wherein  $R^3$  is (S)-  
 $NHCH(CH_2OMe)(CH_2CH_2OMe)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$   
is Cl,  $R^{4d}$  is H and  $R^{4e}$  is H;

- a compound of Formula (50) wherein  $R^3$  is  $-N(Et)_2$ ,  $R^{4a}$  is Me,  $R^{4b}$  is Me,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 5 a compound of Formula (50) wherein  $R^3$  is -  
 $N(CH_2CH_2OMe)(CH_2CH_2OH)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is Cl,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 10 a compound of Formula (50) wherein  $R^3$  is  $-N(CH_2CH_2OMe)_2$ ,  $R^{4a}$  is Me,  $R^{4b}$  is Me,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- a compound of Formula (50) wherein  $R^3$  is  $-NHCH(Et)_2$ ,  $R^{4a}$  is Me,  $R^{4b}$  is Me,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 15 a compound of Formula (50) wherein  $R^3$  is  $-N(CH_2c-Pr)(n-Pr)$ ,  $R^{4a}$  is Me,  $R^{4b}$  is H,  $R^{4c}$  is Cl,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 20 a compound of Formula (50) wherein  $R^3$  is  $-N(c-Pr)(CH_2CH_2CN)$ ,  $R^{4a}$  is Me,  $R^{4b}$  is Me,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 25  $\left[ \begin{array}{l} \text{a compound of Formula (50) wherein } R^3 \text{ is } -NHCH(Et)_2, \\ R^{4a} \text{ is Cl, } R^{4b} \text{ is H, } R^{4c} \text{ is OMe, } R^{4d} \text{ is H and } R^{4e} \\ \text{is H;} \end{array} \right]$
- 30 a compound of Formula (50) wherein  $R^3$  is -  
 $NHCH(Et)(CH_2OMe)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- a compound of Formula (50) wherein  $R^3$  is  $-N(Et)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is CN,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 35 a compound of Formula (50) wherein  $R^3$  is  $-N(c-Pr)(CH_2CH_2CN)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- 40 a compound of Formula (50) wherein  $R^3$  is  $-NHCH(CH_2OH)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is Cl,  $R^{4d}$  is H and  $R^{4e}$  is H; and

- a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)Pr$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- 5 a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)-CH_2cPr$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- 10 a compound of Formula (50) wherein  $R^3$  is  $NHCH(CH_3)CH_2CH_3$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- 15 a compound of Formula (50) wherein  $R^3$  is  $NHCH(cPr)_2$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- 20 a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)_2$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- a compound of Formula (50) wherein  $R^3$  is  $NHCH(Et)_2$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- a compound of Formula (50) wherein  $R^3$  is  $N(Et)_2$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $H$  and  $R^{4e}$  is  $H$ ;
- 25 [ a compound of Formula (50) wherein  $R^3$  is  $NHCH(Et)_2$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $F$  and  $R^{4e}$  is  $H$ ;
- 30 a compound of Formula (50) wherein  $R^3$  is 2-ethylpiperid-1-yl,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $F$  and  $R^{4e}$  is  $H$ ;
- a compound of Formula (50) wherein  $R^3$  is cyclobutyl-amino,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $F$  and  $R^{4e}$  is  $H$ ;
- 35 a compound of Formula (50) wherein  $R^3$  is  $N(Me)CH_2CH=CH_2$ ,  $R^{4a}$  is  $Cl$ ,  $R^{4b}$  is  $H$ ,  $R^{4c}$  is  $OMe$ ,  $R^{4d}$  is  $F$  and  $R^{4e}$  is  $H$ ;
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- a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)Et$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H;
- 5 a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)Pr$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H;
- 10 a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)-CH_2cPr$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H;
- 15 a compound of Formula (50) wherein  $R^3$  is  $NH(CH(CH_3)CH_2CH_3)$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is F,  $R^{4c}$  is OMe,  $R^{4d}$  is H and  $R^{4e}$  is H;
- a compound of Formula (50) wherein  $R^3$  is  $NHCH(cPr)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H;
- 20 a compound of Formula (50) wherein  $R^3$  is  $N(CH_2CH_2OMe)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H;
- 25 [ a compound of Formula (50) wherein  $R^3$  is  $NHCH(Et)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H;
- a compound of Formula (50) wherein  $R^3$  is  $N(Et)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is F and  $R^{4e}$  is H.
- 30 [ a compound of Formula (50) wherein  $R^3$  is  $NHCH(Et)_2$ ,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is OMe and  $R^{4e}$  is H;
- 35 a compound of Formula (50) wherein  $R^3$  is 2-ethylpiperidin-1-yl,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is OMe and  $R^{4e}$  is H;
- a compound of Formula (50) wherein  $R^3$  is cyclobutylamino,  $R^{4a}$  is Cl,  $R^{4b}$  is H,  $R^{4c}$  is OMe,  $R^{4d}$  is OMe and  $R^{4e}$  is H;
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a compound of Formula (60) wherein  $R^3$  is  
 $NH(CH(CH_3)CH_2CH_3)$ , Ar is 2,6-dimethyl pyrid-3-yl;

5 a compound of Formula (60) wherein  $R^3$  is  $NHCH(cPr)_2$ , Ar  
is 2,6-dimethyl pyrid-3-yl;

a compound of Formula (60) wherein  $R^3$  is  $N(CH_2CH_2OMe)_2$ ,  
Ar is 2,6-dimethylpyrid-3-yl;

10 a compound of Formula (60) wherein  $R^3$  is  $NHCH(Et)_2$ , Ar  
is 2,6-dimethyl-pyrid-3-yl; and

a compound of Formula (60) wherein  $R^3$  is  $N(Et)_2$ , Ar is  
2,6-dimethyl-pyrid-3-yl.

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29. A compound of claim 4 and isomers thereof,  
stereoisomeric forms thereof, or mixtures of  
stereoisomeric forms thereof, and pharmaceutically  
acceptable salt forms thereof, wherein said compound  
20 is selected from the group consisting of:

4-((2-butyl)amino)-2,7-dimethyl-8-(2-methyl-4-  
methoxyphenyl)-[1,5-a]-pyrazolo-1,3,5-triazine;

25 4-((2-butyl)amino)-2,7-dimethyl-8-(2,5-di methyl-4-  
methoxyphenyl)-[1,5-a]-pyrazolo-1,3,5-triazine;

30 [ 4-((3-pentyl)amino)-2,7-dimethyl-8-(2,5-dimethyl-4-  
methoxyphenyl)-[1,5-a]-pyrazolo-1,3,5-triazine; ]

4-((3-pentyl)amino)-2,7-dimethyl-8-(2-methyl-4-  
methoxyphenyl)-[1,5-a]-pyrazolo-1,3,5-triazine;